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(54) **Information recording medium, information recording/playback method, and information recording/playback apparatus**

(57) There is provided a system configured to prevent recording contents of various broadcasting schemes from being recorded together on a single recording medium while supporting various broadcasting schemes. An optical disc used here can record a digital stream complying with a predetermined digital broadcasting scheme and including specific information APP_NAME corresponding to a broadcasting scheme to be recorded. The broadcasting scheme to be recorded is checked (ST1116). If another digital stream has already been recorded on the optical disc, its broadcasting scheme is detected from APP_NAME, and is compared with that of the stream to be recorded. If these broadcasting schemes are different (NO in step ST1120), recording is aborted (ST1124).

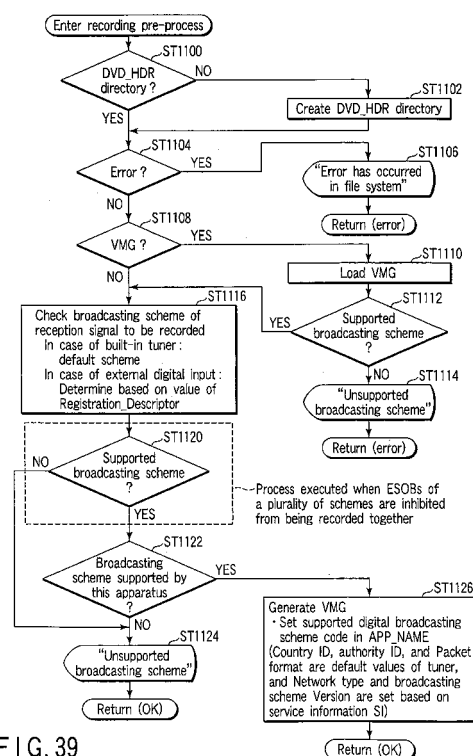


FIG. 39

EP 1 473 945 A3



European Patent
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EUROPEAN SEARCH REPORT

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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	US 2002/037160 A1 (DAVID LOCKET ET AL) 28 March 2002 (2002-03-28) * paragraph [0092] * * paragraph [0094] *	1-3,5, 8-10	INV. H04N9/804
X,P	US 2003/142962 A1 (TSUMAGARI YASUFUMI ET AL) 31 July 2003 (2003-07-31) * paragraph [0154] - paragraph [0155] *	1-3,5, 8-10	
A	JP 2002 358728 A (MATSUSHITA ELECTRIC IND CO LTD) 13 December 2002 (2002-12-13) * abstract *	4,6,7	
A,P	EP 1 349 163 A (SANYO ELECTRIC CO., LTD.) 1 October 2003 (2003-10-01) * paragraph [0054] - paragraph [0055] *	4,6,7	
			TECHNICAL FIELDS SEARCHED (IPC)
			G11B H04N
The present search report has been drawn up for all claims			
Place of search Berlin		Date of completion of the search 6 August 2008	Examiner Gérard, Eric
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 04 00 8745

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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06-08-2008

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 2002037160	A1	28-03-2002	NONE		
US 2003142962	A1	31-07-2003	JP	2003228920 A	15-08-2003
JP 2002358728	A	13-12-2002	NONE		
EP 1349163	A	01-10-2003	CN	1445757 A	01-10-2003
			TW	265501 B	01-11-2006
			US	2003174606 A1	18-09-2003